

FIG.1(Prior Art)

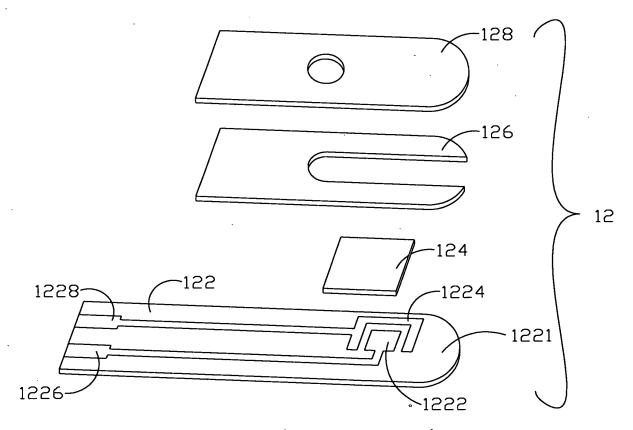
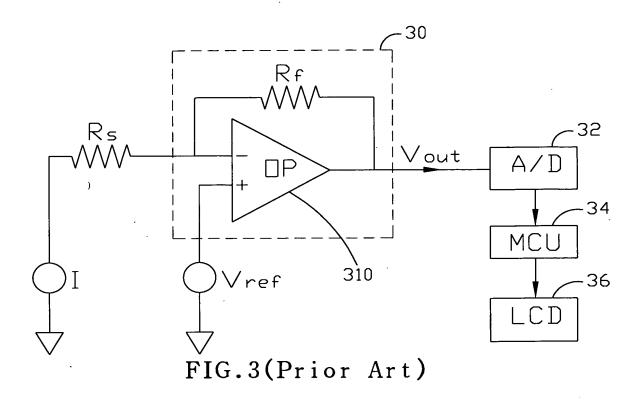


FIG.2(Prior Art)



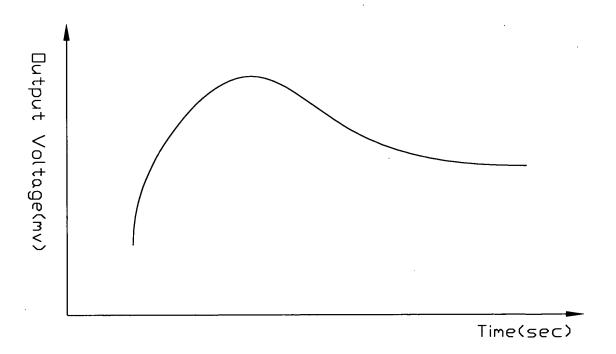
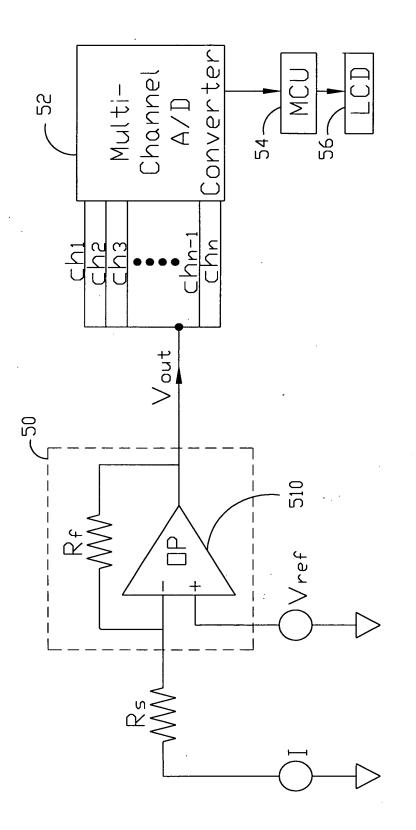
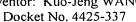
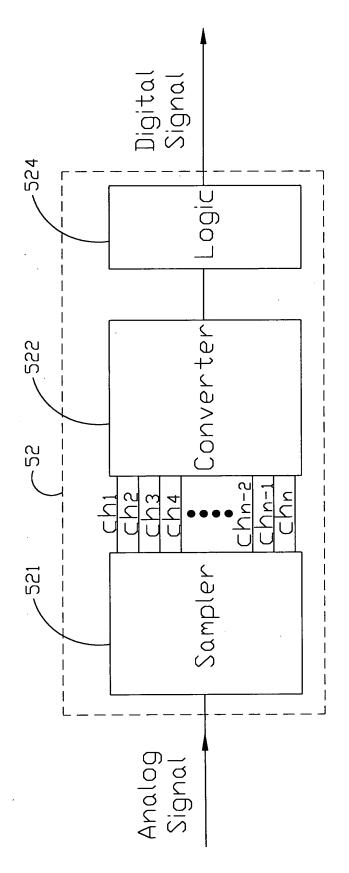


FIG.4(Prior Art)







70 Providing a specimen on a chip of a biosensor, the chip generates a time-dependent output voltage in response to a content of a specific component of the specimen 72 Simultaneously sending the timedependent output voltage to each channel of a multi-channel A/D converter to convert to a set of digital signals during each sampling time 74 Sending the set of digital signals to a microprocessor 76 Determining the content of the specific component in accordance with a voltage-time discharge curve established based on the several sets of digital signals collected during a period of sampling time